



# Computer power supply

Model: **AK-P3-500**



Product code	AK-P3-500
Product type	Computer power supply
Format	ATX 2.31
Series	Pro
Supply voltage	230 V
Power consumption	< 5 A
Efficiency	> 70 %
80 PLUS compatibility	No
Current on the +3.3V rail	22 A
Current on the +5V rail	24 A
The combined power of +3.3V and +5V	140 W
Current on the +12V rail	32 A
Maximum load on 12V line	384 W
Maximum power	500 W
Mainboard Power Connector	20+4 pin
Power connector ATX12V P4	None
Power connector EPS12V 8 pin	1 pc ( 4 + 4 pin )
Power connector PCI-E 6 pin	1 pc
Power connector PCI-E 6+2 pin	1 pc
Power connector PCI-E 8 pin	None
Molex connector	2 pcs
Mini-Molex connector	1 pc
SATA connector	5 pcs
PFC filter	Passive
Mechanical switch	Yes
Ground wire	Yes
OVP	Yes
OCP	Yes
OPP	Yes
OTP	Yes
SCP	Yes
UVP	Yes
Power supply connector	IEC C14
Fan size	120 mm
Fan adjustments	Automatic
Cable length	30 - 60 cm

Power cable included	Yes
Material	Galvanized steel
Product color	Black
MTBF	100000 h
Temperature	5 - 50 °C
Package	EcoBox
Product size (L x W x H)	140 x 150 x 85 mm
Package size (L x W x H)	270 x 190 x 95 mm
Net weight	1.43 kg
Gross weight	1.53 kg
CE compatibility	Yes
FCC compatibility	No
RoHS compatibility	Yes
REACH compatibility	Yes
Included accessories	Cable AK-PC-01A
EAN code	5901720130914

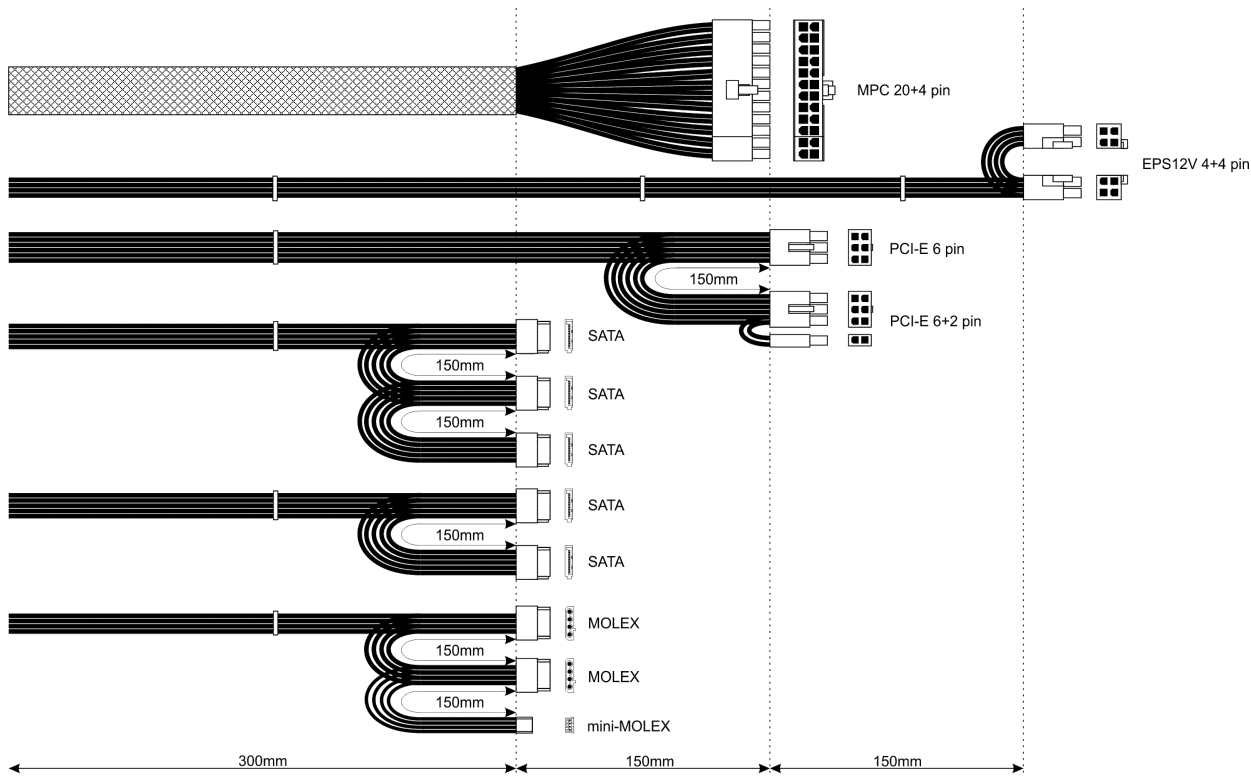




## Description

Modern and technologically advanced **Akyga** PC power supply **Pro** series **500W**, compatible with **ATX 2.31** standard. Thanks to high parameters the power supply will work with most configurations. It has **5x SATA** connectors, **2x MOLEX** connectors, **mini-MOLEX** connector, **PCI 6-pin** connector, **PCI-E 6+2-pin** connector, **EPS 4+4-pin** and an universal **20+4-pin** motherboard connector in standard equipment. An important feature of the power supply are longer than standard cables, that allows an easy installation in bottom-mounting cases. Excellent optimal cooling is provided by **12 cm** fan with chromed grill. The power supply has a **manual switch** that allows the user to safely cut off power without having to disconnect the cord from the network. High efficiency allows effective supplying and so the stable operation of the power supply affects the reliability of all components of the computer. A set of protectors (OVP, OTP, OPP, SCP and OCP) guarantees 100% secure, stable work of both powered device and the power supply, protecting and preventing the motherboard, processor and other parts from damage. The following power supply is offered with a **1.5 m** power cord.

## Cable map



## Nameplate

Model:  
**AK-P3-500**

Professional Power Supply Solutions

ATX12V v2.31

AC INPUT	230V / 50Hz / 5A				
DC OUTPUT	+3,3V	+5V	+12V	-12V	+5VSB
MAX CURRENT	22A	24A	32A	0,5A	2,5A
MAX COMBINED	140W		384W		18W
TOTAL POWER	500W				

**CAUTION!**  
Do not remove this cover. Trained service personnel only. No user serviceable parts inside.

EN 61000-3-12

500W

PRO

Series

Made in China